1: Cooper E-4 (no date) 1946 SH5 Tehuelche SH5

323 **Pottery.**—The early *Tehuelche* used very simple and crude pottery (Pigafetta, 1906, 1:50), and pottery occurs archeologically far down the Atlantic coast and inland in *Tehuelche* territory (present volume, p. 20; Lothrop, 1932 b, pp. 194–196); but again there is no information on process of manufacture. Fitz-Roy (1839, 2:172) reported pottery absent from the *Tehuelche* of his day.

281 325 **Miscellaneous.**—The *Tehuelche* did excellent lasso plaiting and saddlery work, and, after the early 19th century, very creditable silversmithing (Muñiz, 1917, p. 214; Bourne, 1853, p. 97, cf. 96).

281 [413] **Skin dressing.**—In dressing skins, the women first pegged them down to sun-dry them, then scraped them with flint, agate, obsidian, or glass scrapers. The scrapers (fig. 18, *g*) are hafted by lashing the blade to a bent split sapling (cf. illustr., Outes and Bruch, 1910, p. 121) or by setting it transversely in a block of wood. The skins were next smeared with grease and liver, were kneaded into a pulp, and were [413] softened by hand until quite pliable. A soft-grained stone was also used for scouring. In sewing, an eyeless needle or awl, later made of [283] an iron nail, and thread of guanaco or rhea sinew were used. (On *Tehuelche* skin dressing, cf.: Lothrop, 1929; Bourne, 1853, pp. 98–99; Guinnard, 1864, pp. 68–69; Roncagli, 1884, p. 778; Hatcher, 1903, p. 269. Our most detailed account is Kermes, 1893, pp. 209–210, for "*Pampa*" Indians apparently of Río Negro, probably including *Tehuelche;* he records dehairing with ashes.)

415 412 Skin bags were made for holding water (Coan, 1880, p. 53; Gardiner and Hunt, 1852, p. 89; Bourne, 1853, p. 82), paints, etc. Knives were earlier made of stone, and such were still used in the middle 18th century (Sánchez Labrador, 1936, p. 75). A small hand-adz was used in woodworking (fig. 18, *f;* cf. Musters, 1871, pp. 168, 170).

411 **Weapons.**—The chief hunting and fighting weapon of the early *Tehuelche* was the bow and arrow, which finally went out of use in the first half of the 19th century (Morrell, 1832, p. 84; Fitz-Roy, 1839, 2:149). The bows are described both as long and as short, with guanaco sinew string; arrows, with cane shafts, heads of stone or bone, and three feathers (Oviedo, 1851–55, 2: 40), carried originally in the hair, fillet headdress, or belt instead of a quiver. D'Orbigny (1835–47, 2:116–117) reported bows 3 feet (90 cm.) long, some use of skin quivers, and slings. The bolas, of the one-, two-, and three-balled types (fig. 18, *i, j, k*), began to replace the bow and arrow at the time of the adoption of the horse. The lasso, too, was of later introduction.

The lance, bola perdida, European weapons, and armor are discussed below, pp. 153–154.

372 **Fire making.**—Ordinarily fire was made by the drill method. Fire making by percussion is recorded by two observers, Coan (1880, p. 50) with two pebbles and Spegazzini (1884, p. 232) with two flints—the former case possibly due to immigrant *Ona* influence (cf. supra).